

SCIENCE

A Persian has invented an electric lamp intended for the electrocution of mosquitoes.

Medicines are made almost absolutely tasteless, according to a new German process, by causing them in liquid form to be absorbed by natural agar-agar, then granulating or pulverizing, and then drying.

A new branch of science heralds its appearance in Paris. It is named dolormetry, and its function is the "measurement" of the dynamic of pain by material means. The dolormeter shows that the dynamic force of a sharp cut with an ordinary carter's whip is equal to about 285 pounds, but that a vigorous jerk at the reins puts a pressure of about 305 pounds on the horse's head.

Sulphur is being tried in Germany as a wood preservative. It is applied in molten form and as it hardens it completely fills the pores. At moderate temperatures it is unaffected by water, weak or strong acids, or alkaline solutions. A disadvantage is that the sulphur melts at 115 degrees F., and this makes the treated wood unfit for places exposed to considerable heat. The best wood for use with this pine having been much less satisfactory.

A recent scientific observation relating to plant life indicates that external factors may have an important bearing on the character of plants reproduced from seed aside from the qualities of the parent plants. Chemical stimulation of the reproductive organs immediately previous to the application of pollen has been noted to exert a profound influence on hereditary qualities, resulting seeds producing plants entirely different from the parent plant.

A very novel means of propulsion has been devised by an Italian engineer named Forlanni. He has devised what he calls a hydroplane boat, which is designed to skim across the surface of the water by the aid of two five-winged propellers which operate in the air instead of in the water. The experiments were made on Lake Maggiore, and have been carried out with considerable success, the boat gliding over the water with scarcely any wave resistance at all.

Curious Power of X-Rays.
In a forthcoming report a scientist of the National Museum at Washington will describe an experiment in which the X-rays were caused to reveal the structure, otherwise invisible of an alloy of gold and sodium. Gold easily dissolves in sodium, which is a silver-white, soft metal, fusing at a temperature of between 206 degrees and 207 degrees, Fahrenheit. When allowed to solidify slowly, and then cut in sections, the alloy of gold and sodium appears perfectly uniform to the eye, but when exposed to the X-rays, the actual structure is shown, because sodium is transparent to the rays, while gold is opaque to them. In this way it was discovered that the sodium was distributed in crystalline plates, while the gold was concentrated between these plates, which traversed the solid mass both vertically and horizontally.

Treatment of Modern Bullet Wounds.
A most interesting and far reaching experiment on a large scale was performed at the battlefield of Mukden. Several sanitary officers with good surgical training being present, out of 100 soldiers wounded in the abdomen, fifty were operated upon by laparotomy, the fifty others left alone, the only treatment consisting in absolute rest and in keeping the external wound opening clean. Of the fifty soldiers operated upon forty died, of the non-operated forty, survived. This striking result indicated the manner of treatment of abdominal wounds throughout the whole war. Laparotomy on or in the rear of the battlefield was afterward hardly ever performed, but strict care was taken that all soldiers wounded in the abdomen had absolute rest for the first three days. —Post-Graduate.

Lions Disappearing.
Just as the buffalo has been exterminated from our great western plains, so lions are disappearing from India before the rifle of the hunter and the axe and plow of the farmer. In Kathiawar, whose forests have furnished one of the last retreats of the retiring king of beasts, an attempt is being made to save the animals from complete extinction by prohibiting lion hunting during a period of six years. It is said, however, that the gradual clearing away of the forests will in itself result in the extermination of the lions.

Mayor Ekers, of Montreal, is addressed personally as "your worship," and in the third person as "his worship."

A TOMATO ORCHARD.

You Can Have One in Florida With Tomato Trees 15 Feet High.

If you could keep the frost away from a tomato vine for a couple of years it would get to be a fair sized tree. At least the Texas Farmer says so and claims that it actually occurs sometimes in Florida in years when the frost king leaves that State alone.

By the same sign you can plant tomatoes in winter in Florida and have them grow all the spring and summer and fall, and under the right conditions they become very large. The midrib of the leaf of such a tomato plant will grow to be eighteen inches long, a veritable tree limb.

As a result of having seven acres of winter tomatoes frozen out during the great freeze in Florida the grower learned something about how they stake tomatoes in Mississippi. He tried three-quarters of an acre of it in Florida, and the rows of tomato plants, hanging full of fruit, looked like a dwarf fruit orchard.

It takes a lot of work, though, and time to stake and prune tomatoes, but for a kitchen garden supply, North or South, especially if space is limited, the method is ideal. Six feet is the height to which the tomatoes should be trained, and pruned to a single stem. They can be made to grow ten or fifteen feet as well, but this is an inconvenient height.

THE REASON.

I never shall feel her light hand in my hair
As of yore,
On the balcony small that was made for us two
And no more!

I have lost her? you venture to ask.
Not at all!
I declare
She's as faithful and fond as of old.
What I've lost
Is the hair!
—New Orleans Times-Democrat.

WHAT DID HE SAY?

"Young Jolliem always says the right thing, doesn't he? He never seems at loss for the proper reply."
"Well, I saw him nonplussed once."
"How was that?"
"Miss Keene asked him if he thought she looked as old as she was."
—Cleveland Leader.



WHAT JOY THEY BRING TO EVERY HOME

as with joyous hearts and smiling faces they romp and play—when in health—and how conducive to health the games in which they indulge, the outdoor life they enjoy, the cleanly, regular habits they should be taught to form and the wholesome diet of which they should partake. How tenderly their health should be preserved, not by constant medication, but by careful avoidance of every medicine of an injurious or objectionable nature, and if at any time a remedial agent is required, to assist nature, only those of known excellence should be used; remedies which are pure and wholesome and truly beneficial in effect, like the pleasant laxative remedy, Syrup of Figs, manufactured by the California Fig Syrup Co. Syrup of Figs has come into general favor in many millions of well informed families, whose estimate of its quality and excellence is based upon personal knowledge and use.

Syrup of Figs has also met with the approval of physicians generally, because they know it is wholesome, simple and gentle in its action. We inform all reputable physicians as to the medicinal principles of Syrup of Figs, obtained, by an original method, from certain plants known to them to act most beneficially and presented in an agreeable syrup in which the wholesome Californian blue figs are used to promote the pleasant taste; therefore it is not a secret remedy and hence we are free to refer to all well informed physicians, who do not approve of patent medicines and never favor indiscriminate self-medication.

Please to remember and teach your children also that the genuine Syrup of Figs always has the full name of the Company—California Fig Syrup Co.—plainly printed on the front of every package and that it is for sale in bottles of one size only. If any dealer offers any other than the regular Fifty cent size, or having printed thereon the name of any other company, do not accept it. If you fail to get the genuine you will not get its beneficial effects. Every family should always have a bottle on hand, as it is equally beneficial for the parents and the children, whenever a laxative remedy is required.

USE TAYLOR'S Cherokee Remedy of Sweet Gum and Mullein nature's Great Remedy for Coughs, Colds, LaGrippe all Throat and Lung Troubles. Thoroughly tested for 50 years. All Druggists. 25c, 50c and \$1.00.

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I am now prepared to fill orders for my Celebrated CABBAGE PLANTS in any quantity desired.
EARLY JERSEY WAKEFIELD—Earliest and best seed of the most reliable seedsmen. We use the same plants on our thousand acre truck farm. Plants carefully counted and properly packed. Very ready list of Den. Lettuce, Onion and Beet plants, same time or earlier. Reduced express rates promised, which when effected, will give us 50 per cent. less than mercantile rates. Prices: small lots \$1.50 per thousand, large lots \$1.00 to \$1.25 per thousand. F. O. B. Meigs, S. C. Arlington White Spine Cucumber Seed 50 cents per pound. —O. B. Wegette, S. C. The United States Agricultural Department has established an Experimental Station on our farms to test all kinds of vegetables especially Cabbages. The results of these experiments we will be pleased to give you at any time.—Yours respectfully,—N. M. BLITCH COMPANY, MEIGS, S. C.

Prices f. o. b. here, packed in light boxes:
500 for \$1.00. 1,000 to 5,000 at \$1.50 per M. 5,000 to 10,000 at \$1.25 per M.
Special prices on larger quantities. All orders shipped C. O. D. when not accompanied by remittance.

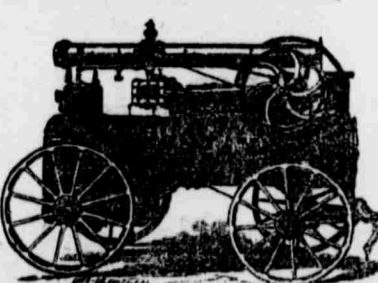
CHAS. M. GIBSON, Young's Island, S. C.

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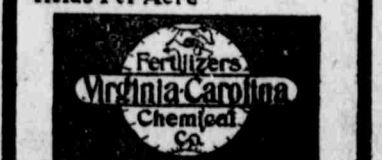
Police of New York city arrest 122 persons each day for intoxication.



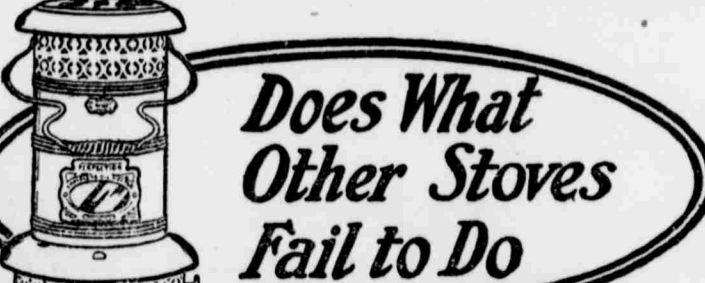
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It has been the tremendous success of many farmers all over the South, who started life with only a few acres and a one-horse plow. Now, after using these fertilizers for many years, these farmers are rich. Read what they say in our Almanac. Ask your dealer for it, or send so. in stamps to pay cost of wrapping and postage on a copy. Be sure and ask for Virginia-Carolina Fertilizer, and accept no substitute.

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In almost every house there is a room that the heat from the other stoves or furnace fails to reach. It may be a room on the "weather" side, or one having no heat connection. It may be a cold hallway. No matter in what part of the house—whether room or hallway—it can soon be made snug and cozy with a

PERFECTION Oil Heater

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Unlike ordinary oil heaters the Perfection gives satisfaction always. First and foremost it is absolutely safe—you cannot turn the wick too high or too low. Gives intense heat without smoke or smell because equipped with smokeless device. Can be easily carried from room to room. As easy to operate as a lamp. Ornamental as well as useful. Made in two finishes—nickel and japan. Brass oil fount beautifully embossed. Holds 4 quarts of oil and burns 9 hours. There's real satisfaction in a Perfection Oil Heater. Every heater warranted. If not at your dealer's write our nearest agency for descriptive circular.

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A FORM OF SPEECH.

Sutor (nervously)—"Sir, I ask your daughter's hand."
Father (quizzically)—"Well, you can't have it. Do you suppose I'm going to have a one-handed girl hanging around me for the balance of my days?"—The Bohemian.



You Look Prematurely Old

Because of those ugly, grizzly, gray hairs. Use "LA GREOLE" HAIR RESTORER. Price, \$1.00, retail.